# Studies in History and Philosophy of Science

## 1976

VOLUME CONTENTS AND AUTHOR INDEX

SERIALS

DEC 2 1 1976

MICHIGAN STATE UNIVERSITY
LIBRARIES

No Vol contents received with Vol.

# Studies in History and Philosophy of Science


**Joint Editors**

Gerd Buchdahl
Reader in History and Philosophy of Science
University of Cambridge
England

Mary Hesse
Professor of Philosophy of Science
University of Cambridge
England

**Consulting Editors**

J. Agassi
I. B. Cohen
P. Costabel
P. Feyerabend
L. Geymonat
A. Grünbaum
R. Harré
J. Herivel
E. Hiebert
R. Hooykaas
M. Jammer
T. S. Kuhn
M. Mandelbaum
J. E. McGuire
J. Mittelstrass
J. Murdoch
J. Passmore
H. R. Post
A. I. Sabra
S. Sambursky
D. Shapere
S. Toulmin
L. Pearce Williams
J. Yolton



*Publishing Offices*

Pergamon Press Limited, Headington Hill Hall, Oxford OX3 oBW, England

Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, New York, 10523, U.S.A.

*Advertising Office*

Pergamon Press Limited, Headington Hill Hall, Oxford OX3 oBW, England. Published quarterly

*Microform Subscriptions and Back Issues*

Back issues of all previously published volumes are available in the regular editions and on microfilm and microfiche. Current subscriptions are available on microfiche simultaneously with the paper edition and on microfilm on completion of the annual index at the end of the subscription year.

*Annual Subscription Rates 1977*

For libraries, university departments, government laboratories and other multiple reader institutions US $34 per annum (including postage and insurance). *Specially reduced rates to individuals.* In the interest of maximizing the dissemination of material published in this important international journal we have established a two-tier price structure. Any individuals whose Institution takes out a library subscription, may purchase a second or additional subscription for their personal use at the reduced rate of US $15 per annum.

All subscription enquiries should be addressed to: *Subscriptions Fulfillment Manager, Pergamon Press Limited, Headington Hill Hall, Oxford OX3 0BW.*



Copyright © 1976, Pergamon Press Limited.

No part of this publication may be produced, stored in a retrieval system or transmitted in any form or by any means: electronic, electrostatic, magnetic tape, mechanical, photocopying, recording or otherwise, without permission in writing from the publishers.

# INDEX TO VOLUME 7


Atomic Debates and the Dilemma of an Indifferent Hypothesis, The Nineteenth Century (Mary Jo Nye), 245.

Bachelard and the Problem of Epistemological Analysis (Stephen W. Gaukroger), 189.

*Bathybius Haeckelii* and the Psychology of Scientific Discovery (Nicolaas A. Rupke), 53.

Brown, Harold I., Galileo, the Elements, and the Tides, 337.

Darden, Lindley, Reasoning in Scientific Change: Charles Darwin, Hugo de Vries, and the Discovery of Segregation, 127.

Demonstrative Regress, Galileo's Road to Truth and the (N. Jardine), 277.

Drake, Stillman, A Further Reappraisal of Impetus Theory: Buridan, Benedetti, and Galileo, 319.

Ellis, Brian, The Existence of Forces, 171.

Epistemological Analysis, Bachelard and the Problem of (Stephen W. Gaukroger), 189.

*Essay reviews,* 63, 269.

Euclid and the 'Fundamental Theorem of Arithmetic', Problems in the Interpretation of Greek Number Theory (W. Knorr), 353.

Forces, The Existence of (Brian Ellis), 171.

Foucault, Michel, the Archaeology of (essay review by E. S. Shaffer), 269.

Galileo, the Elements and the Tides (Harold I. Brown), 337.

Galileo's Road to Truth and the Demonstrative Regress (N. Jardine), 277.

Garber, Elizabeth, Some Reactions to Planck's Law, 1900–1914, 89.

Gaukroger, Stephen W., Bachelard and the Problem of Epistemological Analysis, 189.

Gay, Hannah, Radicals and Types, 1.

Impetus Theory: Buridan, Benedetti and Galileo, a Reappraisal of (Stillman Drake), 319.

'Indifferent Hypothesis', The Nineteenth-Century Atomic Debates and the Dilemma of (Mary Jo Nye), 245.

Jardine, N., Galileo's Road to Truth and the Demonstrative Regress, 277.

Knorr, W., Problems in the Interpretation of Greek Number Theory: Euclid and the 'Fundamental Theorem of Arithmetic', 353.

Lakatos, Methodologies of Popper and Lakatos, a Critical Comparison, 1.

McEvoy, J. G., Essay review of Alex C. Michalos, The Popper-Carnap Controversy, 63.

Michalos, Alex C., The Popper–Carnap Controversy (essay review by J. G. McEvoy), 63.

Nineteenth-Century Atomic Debates and the Dilemma of an 'Indifferent Hypothesis' (Mary Jo Nye), 245.

*Notes on Contributors,* 87, 187.

Nye, Mary Jo, The Nineteenth-Century Atomic Debates and the Dilemma of an 'Indifferent Hypothesis', 245.

Planck's Law, Some Reactions to, 1900–1914 (Elizabeth Garber), 89.

Popper, Methodologies of Popper and Lakatos, a Critical Comparison, 1.

Popper–Carnap Controversy, The: essay review by J. G. McEvoy (Alex C. Michalos), 63.

Problems in the Interpretation of Greek Number Theory: Euclid and the 'Fundamental Theorem of Arithmetic' (W. Knorr), 353.

Psychology of Scientific Discovery, *Bathybius Haeckelii* and the (Nicolaas A. Rupke), 53.

Radicals and Types (Hannah Gay), 1.

Rupke, Nicolaas A., *Bathybius Haeckelii* and the Psychology of Scientific Discovery, 53.

Scientific Change, Reasoning in (Lindley Darden), 127.

Shaffer, E. S., The Archaeology of Michel Foucault, 269.